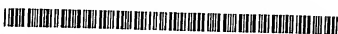


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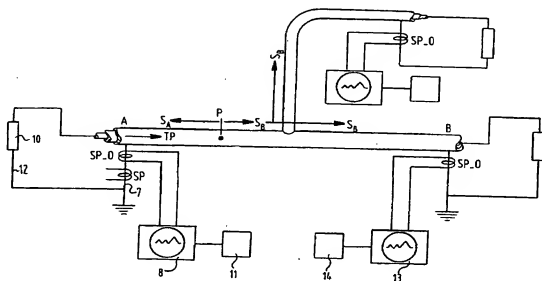
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(54) Title: METHOD AND SYSTEM FOR TRANSMITTING AN INFORMATION SIGNAL OVER A POWER CABLE



(57) Abstract: The invention relates to a method for inputting an information signal into a power cable which is connected to a voltage supply and which comprises at least one or more conductors, a dielectric provided around the conductors and a conductive earth sheath arranged wholly or partially around the dielectric, the method comprising of inputting a pulse-like information signal at a first position via the earth sheath in order to produce a corresponding pulse-like information signal which is propagated to a second position in the dielectric of the power cable.